

Method and device for stacking uniform rods in layers.

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1. Method of shifting equal-sized columns having a circular cylindrical contour in layers, a plurality of columns lined up side by side with their axes parallel forming a layer which is gripped by a grab (6), characterised in that a layer in an arched state is gripped at the outer columns (8, 11), all the columns (9, 10) located between the two outer columns of the layer on the projecting front of the layer being supported in the direction of the radius of the columns against further forward arching and the two outer columns being pressed towards one another in the direction of their radius, so that all the columns in the layer are in contact with one another and thereby mutually support themselves, the columns located on the inside being pushed forward with axes parallel with respect to the respectively neighbouring columns adjacent on the outside by 10 to 90 per cent of the column radius out of the plane of an unarched layer.

Fig. 3

